

11-15-00

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Patent
259/025JC869 U.S. PTO
09/712692

11/13/00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 259/025
 First Named Inventor: Naghi, et al
 Prior Application Information:
 Serial No. 09/330,322
 Examiner: Alavi, A.
 Art Unit: 2875

BOX PATENT APPLICATION
 Commissioner for Patents
 Washington, D. C. 20231

FILING UNDER 37 CFR § 1.53(b)

This is a request for filing for a

☒ continuation ☐ divisional ☐ continuation-in-part (CIP)

application under 37 CFR § 1.53(b) of pending prior application Serial No. 09/330,322 filed on June 11, 1999, by

David NAGHI; Gilbert FREGOSO, entitled:

**APPARATUS FOR ILLUMINATING A PORTABLE ELECTRONIC OR
 COMPUTING DEVICE**

For CONTINUATION or DIVISION APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied, referenced above, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

I. APPLICATION ELEMENTS ENCLOSED

EL356077936US

SD-157007.1

CERTIFICATE OF MAILING
 (37 C.F.R. §1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

EL356077936US

Express Mail Label No.

November 13, 2000

Date of Deposit

Melanie Carmosino

Name of Person Mailing Paper

Signature of Person Mailing Paper

6 Page(s) of Written Description
3 Page(s) of Claims
1 Page(s) of Abstract
1 Sheet(s) of Drawings ☒ formal ☐ informal
4 Page(s) of ☐ Declaration or ☒ Declaration and Power of Attorney
☒ Copy from prior application [37 CFR §1.63(d)]
☐ Newly executed
 _____ Other:

- ☐ Assignment papers (cover sheet and documents(s))
☒ An Information Disclosure Statement, PTO 1449, ☐ with copies of cited items.
☒ A Verified Statement to establish small entity under 37 CFR §§ 1.9 and 1.27: ☐ Is attached. ☒ Has been filed in the prior application and such status is still proper and desired. [37 CFR § 1.28(a)]

II. FEE CALCULATION

BASIC FILING FEE:						\$710.00
Total Claims	18	-	20	=	0	x \$18.00 \$0.00
Independent Claims	2	-	3	=	0	x \$80.00 \$0.00
Multiple Dependent Claims	\$270	(if applicable)			<input type="checkbox"/>	\$0.00
TOTAL OF ABOVE CALCULATIONS						\$710.00
Reduction by ½ for Filing by Small Entity. Note 37 CFR §§ 1.9, 1.27, 1.28. If applicable, Verified Statement must be attached.						<input checked="" type="checkbox"/> \$355.00
Misc. Filing Fees (Recordation of Assignment)						\$0.00
TOTAL FEES DUE HEREWITH						\$355.00

III. PRIORITY - 35 USC § 119

- ☐ Priority of application Serial No. _____ filed on _____ in Country is claimed under 35 USC § 119.
☐ The certified copy has been filed in prior U.S. application Serial No. _____ on _____.
☐ The certified copy will follow.

IV. AMENDMENTS

- ☒ Cancel in this application original Claims 1-22 of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes if no new claims are added in a preliminary amendment.)

- ☒ A Preliminary Amendment is enclosed. (Claims added by Amendment must be numbered consecutively beginning with the number next following the highest numbered original claim in the prior application.)

V. RELATE BACK - 35 USC § 120

- ☐ Relate back information included in preliminary amendment or specification.
- ☒ Please amend the specification as follows:

--This application is a continuation of U.S. Application Serial No. 09/330,322,
filed on June 11, 1999.--

- ☒ With respect to the prior co-pending U.S. application from which this application claims benefit under 35 USC § 120, the inventor(s) in this application is (are) [37 CFR 1.53(b)(1)]:

- ☒ the same.
- ☐ less than those named in the prior application and it is requested that the following inventor(s) identified above for the prior application be deleted [see 37 CFR §§ 1.33(b) AND 1.63(d)(2)]:

[Name(s) of inventor(s) to be deleted]

VI. FEE PAYMENT BEING MADE AT THIS TIME

- ☐ Not attached. No filing fee is submitted. [This and the surcharge required by 37 CFR § 1.16(e) can be paid subsequently.]
- ☒ Attached.

- | | |
|---|-----------------|
| <input checked="" type="checkbox"/> Filing fees. | <u>\$355.00</u> |
| <input type="checkbox"/> Recording assignment. [\$40.00 37 CFR § 1.21(h)(1)] | ----- |
| <input type="checkbox"/> Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached.
[\$130.00; 37 CFR §§ 1.47 and 1.17(h)] | ----- |
| <input type="checkbox"/> Petition fee to Suspend Prosecution for the Time Necessary to File an Amendment (New Application Filed Concurrently.)
[\$130.00; 37 CFR §§ 1.103 and 1.17(i)] | ----- |
| <input type="checkbox"/> For processing an application with a specification in a non-English language.
[\$130.00; 37 CFR §§ 1.52(d) and 1.17(k)] | ----- |
| <input type="checkbox"/> Processing and retention fee.
[\$130.00; 37 CFR §§ 1.53(f) and 1.21(l)] | ----- |

Total Fees Enclosed \$355.00

VII. METHOD OF PAYMENT OF FEES

- ☐ Attached is a check in the amount of _____.
- ☒ Charge Lyon & Lyon's Deposit Account No. **12-2475** in the amount of \$355.00.

VIII. AUTHORIZATION TO CHARGE ADDITIONAL FEES

The Commissioner is hereby authorized to credit Lyon & Lyon's Deposit Account No. **12-2475** for any over payment of fees and to charge the following additional fees by this paper and during the entire pendency of this application to Deposit Account No. **12-2475**:

- ☒ 37 CFR § 1.16 (Filing fees and excess claims fees)
- ☒ 37 CFR § 1.17 (Application processing fees)
- ☐ 37 CFR § 1.18 (Issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR § 1.311(b))
- ☐ 37 CFR § 1.21 (Assignment recordation fees)

IX. POWER OF ATTORNEY & CORRESPONDENCE ADDRESS

- ☒ The power appears in the original papers in the prior application.
- ☐ The power does not appear in the original papers, but was filed on _____ in prior application Serial No. _____.
- ☐ A new power has been executed and is attached.

Please send all correspondence to Customer Number 22249:



22249

PATENT TRADEMARK OFFICE

LYON & LYON LLP
Suite 4700
633 W. Fifth Street
Los Angeles, CA 90071

Please direct all inquiries to Stephen C. Beuerle, at (858) 552-8400.

X. MAINTENANCE OF CO-PENDENCY OF PRIOR APPLICATION

- ☐ A petition, fee and response has been filed to extend the term in the pending **prior** application until _____. A copy of the petition for extension of time in the **prior** application is attached.
- ☐ A conditional petition for extension of time is being filed in the pending **prior** application. A copy of the conditional petition for extension of time in the **prior** application is attached.
- ☒ Applicant does not wish to abandoned parent application Serial No. 09/330,322, filed on June 11, 1999, by way of the filing of this continuation application. Applicant wishes to maintain the co-pendency of parent application Serial No. 09/330,322, filed on June 11, 1999.

XI. ABANDONMENT OF PRIOR APPLICATION

- ☐ Please abandon the prior application at a time while the prior application is pending or when the petition for extension of time or to revive in that application is granted and when this application is granted a filing date so as to make this application co-pending with said prior application. At the same time, please add the words "now abandoned" to the amendment of the specification set forth in Item V above.

Respectfully submitted,

LYON & LYON LLP



Dated: November 13, 2000

By: _____
Stephen C. Beuerle
Reg. No. 38,380

Enclosures

Technology Creations, Inc. & Design Rite, LLC
Name of Assignee

Los Angeles, CA & Fontana, CA
Address of Assignee

Assignments recorded in PTO on May 26, 2000, at R/F 010883/0237, & R/F 010883/0267

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:)
Naghi, David et al) **Anticipated Group Art Unit: 2875**
Serial No.: Not yet assigned) **Anticipated Examiner: Ali Alavi**
Filed: Concurrently herewith)
Continuation of Serial No.: 09/330,322)
Filed: June 11, 1999)
For: APPARATUS FOR ILLUMINATING)
A PORTABLE ELECTRONIC OR)
COMPUTING DEVICE)

PRELIMINARY AMENDMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicant respectfully requests entry of the following amendments to the above-captioned application before examination of this case:

In the Claims:

Please add the following claims into the application:

--23. An apparatus for illuminating a display screen of a handheld portable video game device having a utility port in electrical connection with a power source, comprising:
a plug for plugging the apparatus into the utility port;

a body connected to the plug; and

an illumination device attached to the body and to be electrically connected to the utility port through the plug and the body, the illumination device to illuminate the display screen of the handheld portable video game device;

wherein the illumination device is powered by the power source when the apparatus is plugged into the utility port.

24. An apparatus as recited in claim 23, wherein the illumination device is a LED.

25. An apparatus as recited in claim 24, wherein the LED is a white light emitting diode.

26. An apparatus as recited in claim 23, wherein the plug has a second utility port adapted to receive a second plug that is in electrical communication with the utility port when the second plug is plugged into the second utility port and the plug is plugged into the utility port.

27. An apparatus as recited in claim 23, wherein the body is comprised of a flexible arm.

28. An apparatus as recited in claim 23, wherein the body can be adjusted, when the apparatus is plugged into the utility port, to adjust the height of the LED relative to the handheld portable video game device.

29. An apparatus as recited in claim 23, wherein the body can be adjusted, when the apparatus is plugged into the utility port, to adjust the angle of the LED relative to the handheld portable video game device.

30. An apparatus as recited in claim 23, wherein the body further comprises a diffuser for diffusing light given off by the LED.

31. An apparatus as recited in claim 23, wherein the body further comprises a magnifier.

32. A method of illuminating a display screen of a handheld portable video game device having a utility port in electrical connection with a power source, comprising:

providing an apparatus including a plug for plugging the apparatus into the utility port, a body connected to the plug, and an illumination device attached to the body and to be electrically connected to the utility port through the plug and the body;

coupling the plug of the apparatus with the utility port of the handheld portable video game device so as to power the illumination device; and

illuminating the display screen of the handheld portable video game device with the illumination device.

33. A method as recited in claim 32, wherein the illumination device is a LED.

34. A method as recited in claim 32, wherein the LED is a white light emitting diode.

35. A method as recited in claim 32, wherein the body is comprised of a flexible arm.

36. A method as recited in claim 32, wherein the body further comprises a magnifier.

37. A method as recited in claim 32, wherein the body further comprises a diffuser for diffusing light given off by the illumination device.

38. A method as recited in claim 32, wherein the body further comprises a regulator for varying the intensity of light given off by the illumination device, and the

method further comprises adjusting the regulator to regulate an intensity of light given off by the illumination device.

39. A method as recited in claim 32, wherein the plug has a second utility power jack adapted to receive a second plug that is in electrical communication with the utility port when the second plug is plugged into the second port and the plug is plugged into the utility port, and the method further comprises coupling a second plug to the second utility port.

40. A method as recited in claim 32, wherein the display screen is a non-backlit display screen.--

REMARKS

Applicant respectfully requests that the foregoing amendments be entered before examination of the above-captioned application. Newly added claims 23-40 are pending in the application.

CONCLUSION

On the basis of the above, early allowance of the application is believed to be warranted and such action is respectfully requested. If the Examiner has any questions or comments regarding this amendment, a telephone call to the undersigned at the number listed below is respectfully urged.

Patent
259/025

Respectfully submitted,

LYON & LYON LLP



By: _____

Stephen C. Beuerle
Reg. No. 38,380

Dated: November 13, 2000

633 West Fifth Street, Suite 4700
Los Angeles, California 90071-2066
(858) 552-8400

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Los Angeles, California 90071-2066
(858) 552-8400

**APPARATUS FOR ILLUMINATING A PORTABLE ELECTRONIC
OR COMPUTING DEVICE**

5 Field of the Invention

The present invention is in the field of lighting devices for portable electronic or computing devices.

Background of the Invention

10 Compact electronic devices with a viewing screen or keypads have become very common and quite popular. Such devices have been popular for a number of years in connection with hand-held, portable, battery-powered gaming devices. A well-known example of such a device, that has sold millions of units, is the GAME BOY® device sold by Nintendo. More recently, other electronic devices have also included viewing
15 screens, such as portable video cameras and cellular phones. And, of course, portable computers have long had viewing screens. Although the complexity and cost of such devices can vary greatly, it is common for such devices to use a generally flat, liquid crystal display screen.

Flat, liquid crystal display screens work very well in a well-lit area. However,
20 when such devices are used in dimly lit areas, or at night, it can be difficult, if not impossible, for a user to see anything in the viewing screen. This problem is magnified when such a screen is used in a device that is meant to be portable, and especially when it is a small device.

If a portable device is sufficiently complex, and generally more expensive, such
25 as a portable laptop computer, the device can include lighting within the actual device.

An example of such lighting is a portable laptop computer with a backlit screen.

However, this solution is not always economically practical, nor does it necessarily solve the problem in smaller devices. Also, if an electronic device does not have a viewing screen, then this option is not even available.

5 To solve this problem, especially in connection with hand-held, portable, battery-powered gaming devices, a number of different solutions have been proposed. Such solutions have typically included add-on devices with their own source of electrical power. These devices can be designed to fit onto the electronic device or be designed for use in connection with the electronic device. However, because such devices use
10 their own source of electrical power, they tend to be rather bulky and heavy. In addition, the second source of electrical power increases cost and creates the possibility of another source of power failure.

Accordingly, there is a long felt need for a simple, economical, device that can illuminate portable electronic or computing devices without the drawbacks associated
15 with prior illumination devices.

SUMMARY OF THE INVENTION

The present invention is generally directed to an apparatus for illuminating a portable electronic device that plugs into the electronic device and is powered by the
20 power source of the electrical device through an electronic connection to a utility power jack of the electronic device. The present invention is also generally directed to an apparatus for illuminating a portable computing device with a display screen that plugs

into the computing device and is powered by the power source of the computing device through an electronic connection to a port in connection with a power source.

In a first, separate aspect of the present invention, the illumination device is a light emitting diode. A white light diode is especially preferred.

5 In another, separate aspect of the present invention, the illumination apparatus includes a plug that has a second utility power jack or port adapted to receive a second plug that is in electrical communication with the utility power jack or port.

In still another, separate aspect of the present invention, the illumination apparatus can include a flexible arm. This flexible arm can be adjusted as to adjust the height or angle of the illumination device relative to the portable electronic or computing device. In addition, other devices, such as a diffuser, a magnifier, or a regulator for varying the intensity of light, can also be added to the illumination apparatus.

10 Accordingly, it is a primary object of the present invention to provide a low-cost, practical and improved illumination apparatus for a portable electronic device that is powered by a utility jack of the electronic device.

15 It is also a primary object of the present invention to provide a low-cost, practical and improved illumination apparatus for a portable computing device that is powered by a utility port of the computing device.

20 This and further objects and advantages will be apparent to those skilled in the art in connection with the drawing and the detailed description of the preferred embodiment set forth below.

BRIEF DESCRIPTION OF THE DRAWINGS

Figure 1 is a schematic representation of a preferred embodiment of the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

Figure 1 illustrates how a preferred embodiment of the present invention can be used with a portable electronic game device, such as a GAME BOY® device. Although this drawing depicts a portable electronic game device, the invention is adaptable to any portable electronic device that has a utility power jack in electrical connection with a power source, such as a cellular phone or a video camera.

In the preferred embodiment shown in Figure 1, the electronic device 1 has a viewing screen 2, a power source and a utility power jack. The power source and utility power jacks are not visible and are shown generally as 3 and 4, because their location and configuration will vary depending upon the design of a given portable electronic device. The power source 3 may be self-contained, such as batteries in a battery compartment. The power source 3 may or may not be augmented by a plug-in capability to a non-portable power source, such as a wall outlet.

The illumination apparatus, shown generally as 5, includes a plug, shown generally as 6, for plugging the illumination apparatus 5 into the utility power jack 4 of the electronic device 1. The exact configuration of the plug 6 should be designed so as to mate with the utility power jack 4 and create a mechanical and electrical connection between the utility power jack 4 and the plug 6 when the apparatus 5 is plugged into the electronic device 1.

The illumination apparatus 5 also includes a body 7 and an illumination device 8. The body 7 connects the illumination device 8 to the plug 6, and the body is preferably comprised of a flexible arm. The illumination device 8 is electrically connected to the utility power jack 4 through the plug 6 and the body 7 so that the illumination device 8 is powered by the power source 2 when the illumination apparatus 5 is plugged into the electronic device 1. The electrical connection between the illumination device 8 and the plug 6 can be by any suitable means, such as by a wire (not shown). It is especially preferred that the body 7 can be adjusted, when the apparatus 5 is plugged into the utility power jack 4, to adjust the height and/or the angle of the illumination device 8 relative to the electronic device 1.

In the preferred embodiment of the present invention, the illumination device 8 is comprised of a light emitting diode ("LED") 9 housed in a case housing 10. The housing 10 can also include suitable electronics, such as a resistor 11, or a regulator (not shown) for varying the intensity of light given off by the LED. In an especially preferred embodiment, the LED 9 is a white light diode. The housing can also include additional features, such as a diffuser lens 9, or a magnifier (not shown).

When the plug 6 of the illumination apparatus 5 is plugged into the utility power jack 4 of the electronic device 1, it necessarily occupies the connection that the utility power jack 4 would otherwise provide to a user of the electronic device 1. Because a user of the electronic device 1 might need to connect some other device to the utility power jack 4, it is especially preferred that the plug 6 be constructed so as to include a second utility power jack 12. The second utility power jack 12 is adapted to receive a second plug and provide a mechanical and electrical connection for the second plug

equivalent to that which is provided by the utility power jack 4. Thus, the second utility power jack 12 will provide electrical communication for the second plug with the utility power jack 4 when the second plug is plugged into the plug 6 and the plug 6 is plugged into the utility power jack 4.

5 The present invention is also adaptable to a portable computing device with a display screen that is not illuminated by the portable computing device. In such an embodiment, the illumination apparatus is plugged into a utility port of the computing device in electrical connection with a power source instead of the utility power jack 4 of the electronic device 1. In such a device, the utility port can be any port that allows
10 connection of additional products or communication devices, or cables, or any additional accessory or product. The illumination apparatus can have a second utility port adapted to receive a second plug that is in electrical communication with the utility port when the second plug is plugged into the plug and the plus is plugged into the utility port. In all
15 other respects, the structure and function of the illumination apparatus would be the same as for the illumination apparatus 5 described above in connection with electronic device 1.

It will be readily apparent to those skilled in the art that still further changes and modifications in the actual concepts described herein can readily be made without departing from the spirit and scope of the invention as defined by the following claims.

WHAT IS CLAIMED IS:

1. An apparatus for illuminating a portable electronic device having a utility power jack in electrical connection with a power source, comprising:

a plug for plugging the apparatus into the utility power jack;

5 a body connected to the plug; and

an illumination device attached to the body and electrically connected to the utility power jack through the plug and the body;

wherein the illumination device is powered by the power source when the apparatus is plugged into the utility power jack.

10 2. An apparatus as recited in claim 1, wherein the illumination device is comprised of a light emitting diode.

3. An apparatus as recited in claim 2, wherein the portable electronic device is an electronic game device.

15 4. An apparatus as recited in claim 2, wherein the portable electronic device has a display screen that is not illuminated by the portable electronic device.

5. An apparatus as recited in claim 1, wherein the plug has a second utility power jack adapted to receive a second plug that is in electrical communication with the utility power jack when the second plug is plugged into the plug and the plug is plugged into the utility power jack.

20 6. An apparatus as recited in claim 2, wherein the plug has a second utility power jack adapted to receive a second plug that is in electrical communication with the utility power jack when the second plug is plugged into the plug and the plug is plugged into the utility power jack.

7. An apparatus as recited in claim 1, wherein the body is comprised of a flexible arm.

8. An apparatus as recited in claim 1, wherein the body can be adjusted, when the apparatus is plugged into the utility power jack, to adjust the height of the illumination device relative to the portable electronic device.

9. An apparatus as recited in claim 1, wherein the body can be adjusted, when the apparatus is plugged into the utility power jack, to adjust the angle of the illumination device relative to the portable electronic device.

10. An apparatus as recited in claim 1, wherein the body further comprises a diffuser for diffusing light given off by the illumination device.

11. An apparatus as recited in claim 1, wherein the body further comprises a magnifier.

12. An apparatus as recited in claim 1, wherein the body further comprises a regulator for varying the intensity of light given off by the illumination device.

13. An apparatus as recited in claim 2, wherein the light emitting diode is a white light diode.

14. An apparatus for illuminating a portable computing device with a display screen, the apparatus also having a utility port in electrical connection with a power source, comprising:

a plug for plugging the apparatus into the utility port;
a body connected to the plug; and
a light emitting diode ("LED") attached to the body and electrically connected to the utility port through the plug and the body;

wherein the LED is powered by the power source when the apparatus is plugged into the utility port.

15. An apparatus as recited in claim 14, wherein the LED is a white light diode.

5 16. An apparatus as recited in claim 15, wherein the portable computing device is an electronic game device.

17. An apparatus as recited in claim 16, wherein the plug has a second utility port adapted to receive a second plug that is in electrical communication with the utility port when the second plug is plugged into the plug and the plug is plugged into the utility port.

18. An apparatus as recited in claim 16, wherein the body is comprised of a flexible arm.

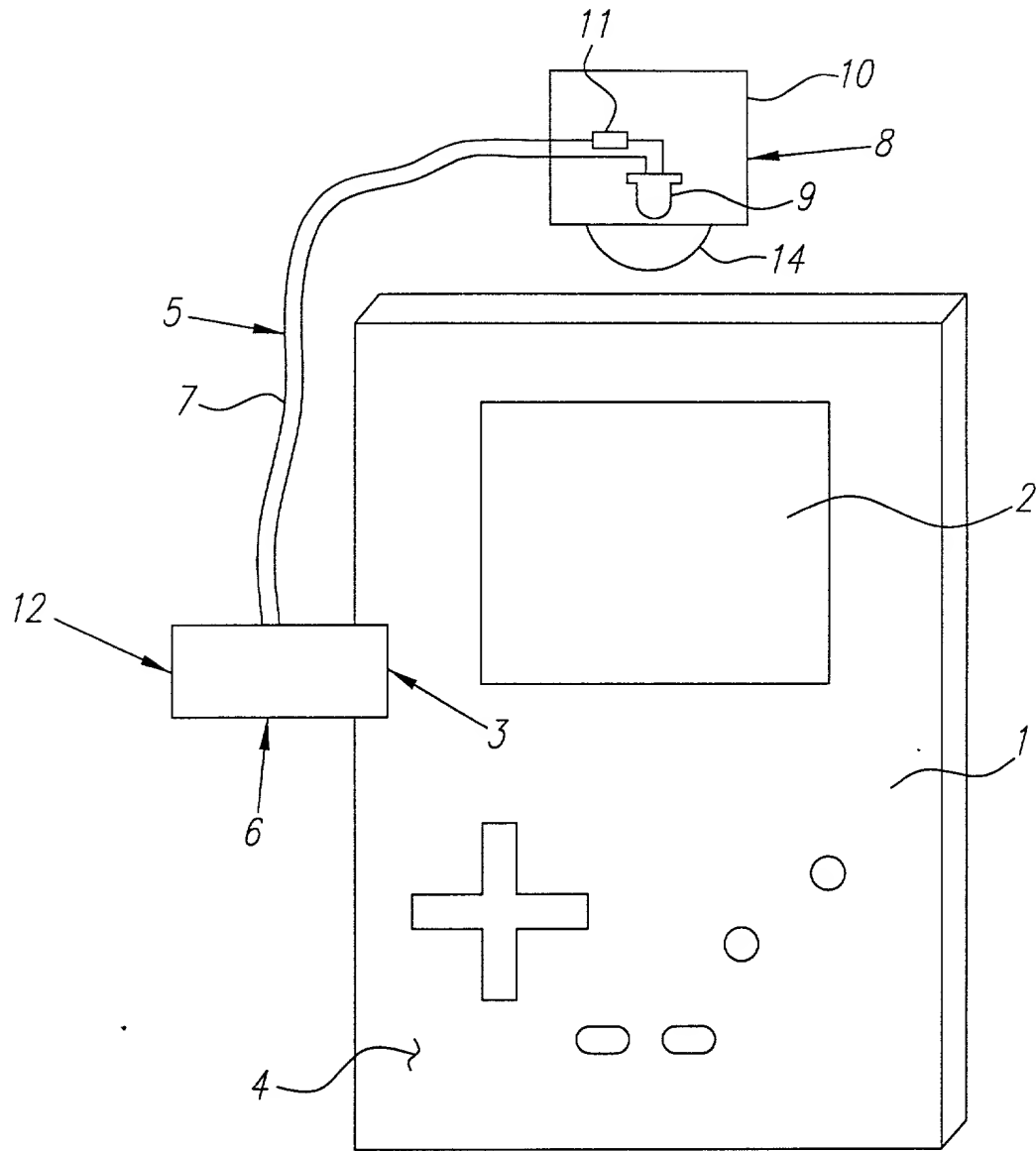
19. An apparatus as recited in claim 16, wherein the body can be adjusted, when the apparatus is plugged into the utility port, to adjust the height of the LED relative to the portable computing device.

20. An apparatus as recited in claim 16, wherein the body can be adjusted, when the apparatus is plugged into the utility port, to adjust the angle of the LED relative to the portable computing device.

21. An apparatus as recited in claim 16, wherein the body further comprises a diffuser for diffusing light given off by the LED.

22. An apparatus as recited in claim 21, wherein the body further comprises a magnifier.

[illegible]

*FIG. 1*

Docket No.

241/057

Declaration and Power of Attorney For Patent Application

English Language Declaration

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

APPARATUS FOR ILLUMINATING A PORTABLE ELECTRONIC OR COMPUTING DEVICE

the specification of which

(check one)

☐ is attached hereto.

☒ was filed on June 11, 1999 as United States Application No. or PCT International Application Number 09/330,322 and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, Section 119(a)-(d) or Section 365(b) of any foreign application(s) for patent or inventor's certificate, or Section 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. Section 119(e) of any United States provisional application(s) listed below:

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

(Application Serial No.)

(Filing Date)

I hereby claim the benefit under 35 U. S. C. Section 120 of any United States application(s), or Section 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. Section 112, I acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, C. F. R., Section 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status)
(patented, pending, abandoned)

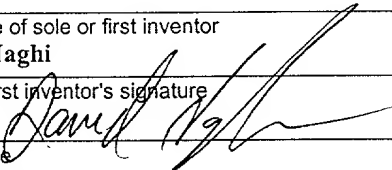
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

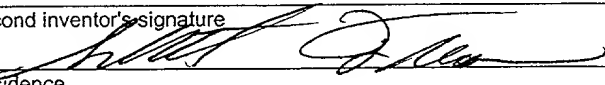
POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. *(list name and registration number)*

See attached list

Send Correspondence to: **Roy L. Anderson, Esq.**
LYON & LYON LLP
633 West Fifth Street, Suite 4700
Los Angeles, CA 90071

Direct Telephone Calls to: *(name and telephone number)*
Roy L. Anderson, (213)489-1600

Full name of sole or first inventor David Naghi	
Sole or first inventor's signature 	Date 7-26-99
Residence Los Angeles, CA	
Citizenship USA	
Post Office Address 6630 Moore Drive	
Los Angeles, CA 90048	

Full name of second inventor, if any Gilbert Fregoso	
Second inventor's signature 	Date 7-26-99
Residence Santa Ana	
Citizenship USA	
Post Office Address 13838 Santa Ana Avenue	
Fontana, CA 92337	

Ronald N. Smoot	Reg. No. 18,718
Conrad R. Solum, Jr.	Reg. No. 20,467
James W. Geriak	Reg. No. 20,233
Robert M. Taylor, Jr.	Reg. No. 19,848
Samuel B. Stone	Reg. No. 19,297
Douglas E. Olson	Reg. No. 22,798
Robert E. Lyon	Reg. No. 24,171
Robert C. Weiss	Reg. No. 24,939
Richard E. Lyon, Jr.	Reg. No. 26,300
John D. McConaghy	Reg. No. 26,773
William D. Steffin	Reg. No. 26,811
Coe A. Bloomberg	Reg. No. 26,605
J. Donald McCarthy	Reg. No. 25,119
John M. Benassi	Reg. No. 27,483
James H. Shalek	Reg. No. 29,749
Allan W. Jansen	Reg. No. 29,035
Robert W. Dickerson	Reg. No. 29,914
Roy L. Anderson	Reg. No. 30,240
David B. Murphy	Reg. No. 31,125
Paul H. Meier	Reg. No. 32,274
John A. Rafter, Jr.	Reg. No. 31,653
Kenneth H. Ohriner	Reg. No. 31,646
Mary S. Consalvi	Reg. No. 32,212
Lois M. Kwasigroch	Reg. No. 35,579
Lawrence R. LaPorte	Reg. No. 38,948
Robert C. Laurenson	Reg. No. 34,206
Carol A. Schneider	Reg. No. 34,923
Hope E. Melville	Reg. No. 34,874
Michael J. Wise	Reg. No. 34,047
Richard J. Warburg	Reg. No. 32,327
Kurt t. Mulville	Reg. No. 37,194
Theodore S. Maceiko	Reg. No. 35,593
Bruce G. Chapman	Reg. No. 33,846
F.T. Alexandra Mahaney	Reg. No. 37,668
David A. Randall	Reg. No. 37,217
Christopher A. Vanderlaan	Reg. No. 37,747
James P. Brogan	Reg. No. 35,833
Stephen S. Kornicky	Reg. No. 34,853